

REMARKS

In response to the Restriction Requirement of May 28, 2003, Applicants have elected the embodiment of Fig. 5, with traverse.

It is respectfully requested that the Examiner withdraw the Restriction Requirement or redefine it, inasmuch as new claims 68 and 110 generic and covers the embodiment of Figs. 1-5.

Applicants have cancelled the claims without prejudice and have substituted a new set of claims, including independent claim 68, which covers the embodiment of Fig. 5. The claim is directed to an induction device having a core and a distributed air gap material and a winding operative at a high-voltage and having a conductor surrounded by a multi-component of insulating system, including inner and outer semiconducting layers and intermediate solid insulation.

The remaining claims depend from claims 68, either directly or indirectly and covers the disclosed embodiments of the distributed air gap material, including dielectric container recited in cancelled claim 20); the multi-component structure (recited in cancelled claim 31); a plurality of wires (recited in cancelled claim 37); finely the divided magnetic particles (recited in claim 39); and the distributed air gap and winding (recited in cancelled claim 59).

Applicants believe that claim 68 is patentably distinct over the prior art and is allowable. Thus, the pending claims, including a reasonable number of alternative embodiments of the distributed air gap are likewise allowable and should be examined together.

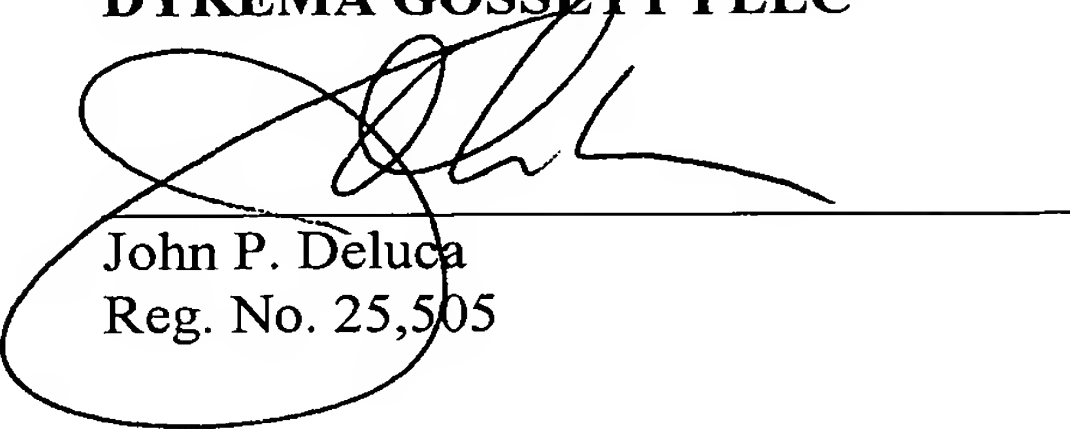
In the event that the Examiner do not agree with the Applicants' assessment, then Applicants elect claims 68-69, 71-76 and 111-114 which are believed to read on the elected embodiment.

In the specification, the paragraph on page 10 has been amended to correct a typographic error in line 12, has been changed to 34. It is believed that the context of the paragraph clearly suggests the ranges and it is further believed that no new matter is presented. Entry of the Amendment is earnestly solicited.

Should this filing require an additional fees, the Commissioner is authorized to charge the Deposit Account 04-2223 for any deficiencies or credit any overpayment thereto.

Respectfully submitted,

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